

# Comparisons of Job Characteristics

**Focus Occupation: Zoologists and Wildlife Biologists (19-1023)**

**Associated Occupation: Forest and Conservation Workers (45-4011)**

[Compare Knowledge](#)

[Compare Skills](#)

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<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 74

**Focus Occupation: Zoologists and Wildlife Biologists (19-1023)**

**Associated Occupation: Forest and Conservation Workers (45-4011)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematics	9.2	14.0	12.4	<	Expanded education and/or training may be required
Geography	3.9	13.8	11.7	<	Expanded education and/or training may be required
Biology	3.7	12.8	21.8	>>	Current knowledge level is likely more than sufficient
Administration and Management	8.4	11.7	9.4	<	Expanded education and/or training may be required
Personnel and Human Resources	5.6	9.3	5.4	<<	Extensive education and/or training may be required
Law and Government	5.9	9.0	8.1	<	Expanded education and/or training may be required
Transportation	4.6	8.1	5.5	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 67

**Focus Occupation: Zoologists and Wildlife Biologists (19-1023)**

**Associated Occupation: Forest and Conservation Workers (45-4011)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Management of Material Resources	3.7	5.5	4.4	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 66			
Focus Occupation: Zoologists and Wildlife Biologists (19-1023) Associated Occupation: Forest and Conservation Workers (45-4011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Static Strength	5.0	10.5	6.0	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	9.8	5.6	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	7.3	3.2	<<	Extensive improvement in abilities may be required
Stamina	4.0	7.3	4.1	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	6.5	3.3	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 39
<b>Focus Occupation: Zoologists and Wildlife Biologists (19-1023)</b> <b>Associated Occupation: Forest and Conservation Workers (45-4011)</b>		
Work Activities	Exclusivity of Activity	
Read maps	42	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 70
<b>Focus Occupation: Zoologists and Wildlife Biologists (19-1023)</b> <b>Associated Occupation: Forest and Conservation Workers (45-4011)</b>		
Tools and Technologies	Exclusivity	
Audio and visual equipment	4	
Computer data input devices	2	
Computers	1	
Content authoring and editing software	1	

Face and head protection	7
Forestry machinery and equipment	31
Forming tools	2
Garden tools	12
Information exchange software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Measuring and layout tools	3
Personal communication devices	2
Pumps	9
Recreational watercraft	40
Specialized and recreational vehicles	17

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.